

REMARKS**Summary of the Office Action**

Claims 2-4 and 7 were rejected under 35 U.S.C. § 102(b) as being anticipated by JP 2002-298402 ("Nakamura"). [The Office Action first states that claim 5 also is rejected; however, claim 5 is later noted as being allowed. Applicants assume that claim 5 is allowed and are proceeding under this assumption. If this is incorrect, Applicants ask that the Examiner contact their representatives immediately.] Claim 1 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Nakamura in view of U.S. Patent Application No. 2003/0016597 to Haruguchi et al.

Claims 5 and 6 are allowed.

Summary of the Response to the Office Action

Claims 1-7 are pending for consideration. Claims 1, 2, and 7 are amended to further define the invention.

Rejection Under 35 U.S.C. § 103(a)

Claims 2-4 and 7 are rejected under 35 U.S.C. § 102(b) as being anticipated by JP 2002-298402 ("Nakamura"). Claim 1 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Nakamura in view of U.S. Patent Application No. 2003/0016597 to Haruguchi et al. Applicants respectfully traverse the rejections of the claims as amended.

Independent claims 1, 2, and 7 have been amended to recite that the wires are fixed at portions that do not overlap each other in a direction orthogonal to an extending direction of the wires. Applicants respectfully submit that Nakamura fails to teach or suggest this feature. The soldered portions disclosed in Fig. 8 (discussed in the Office Action) of Nakamura overlap each

other in a direction orthogonal to an extending direction of the wires. Furthermore, Fig. 6 of Nakamura illustrates wires fixed at portions that overlap each other in a direction orthogonal to an extending direction of the wires. On the other hand, the present invention claims that the wires are fixed at portions that do not overlap each other in a direction orthogonal to an extending direction of the wires.

Accordingly, Applicants respectfully assert that the rejection of independent claims 2 and 7 under 35 U.S.C. § 102(b) should be withdrawn because Nakamura does not teach each feature of the claims. As pointed out in MPEP §2131, “[t]o anticipate a claim, the reference must teach every element of the claim.” Thus, “[a] claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference. *Verdegaal Bros. v. Union Oil Co., of California*, 2 U.S.P.Q 2d 1051, 1053 (Fed. Cir. 1987).” Applicants respectfully request that the rejection of independent claims 2 and 7 be withdrawn.

Furthermore, with respect to the rejection of claim 1 under 35 U.S.C. § 103(a), the combination of Nakamura and Haruguchi et al. do not overcome the deficiencies of Nakamura alone. Haruguchi et al. also fails to teach or suggest that the wires are fixed at portions that do not overlap each other in a direction orthogonal to an extending direction of the wires. To establish a *prima facie* obviousness, there must be a finding that the prior art included each element claimed. MPEP §2143(A). The cited references fail to teach or suggest each element of claim 1. Accordingly, Applicants respectfully submit that the rejection of claim 1 should be withdrawn.

For at least the above reasons, Applicants submit that independent claim 1, independent claim 2 and its dependent claims 3-4, and independent claim 7 are in condition for allowance.

Allowance of claims 1-4, and 7 is earnestly solicited.

CONCLUSION

In view of the foregoing, Applicants respectfully request reconsideration and the timely allowance of the pending claims. Should the Examiner feel that there are any issues outstanding after consideration of this response, the Examiner is invited to contact Applicants' undersigned representative to expedite prosecution.

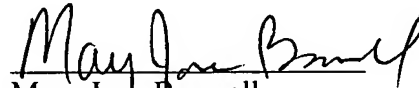
If there are any other fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 50-0310. If a fee is required for an extension of time under 37 C.F.R. § 1.136 not accounted for above, such an extension is requested and the fee should also be charged to our Deposit Account.

Respectfully submitted,

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Dated: September 4, 2008

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